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7 March 2016

Mr. John Nordine
U.S. EPA Region 5
RCRA Enforcement and Compliance Assurance Branch (LU-9J)
77 West Jackson Boulevard
Chicago, Illinois 60604

Re: Central Wire, Union, Illinois RCRA CMI Monthly Progress Report for February 2016

Dear Mr. Nordine:

Enclosed please find the RCRA CMI Monthly Progress Report for the Central Wire facility located in Union, Illinois for the month of February 2016.

The eDMR for the groundwater pump and treat facility and the laboratory analytical report, which includes the effluent data used in the eDMR, are also attached to this report.

If you have any comments or questions regarding the progress of this project, please contact me at (262) 237-1130.

Sincerely,

Autumnwood ESH Consultants, LLC

John W. Thorsen, P.E.

JWT:jt

encl

cc:	Joyce Munie	IEPA
	Robert Kay	USGS
	Gerald W. Ruopp	Central Wire
	Robert Johnson	Central Wire

MONTHLY PROGRESS REPORT
Central Wire Union, Illinois Site
February 2016

1. **Progress Made This Reporting Period** – This reporting period Central Wire continued the operation and maintenance of the groundwater extraction and treatment system. Central Wire treated an average of 636,000 gallons per day with a maximum daily flow of 640,000 gallons per day and met effluent limitations for pH, 1,1,1-Trichloroethane (TCA), Trichloroethene (TCE) and Tetrachloroethene (PCE). The electronic Discharge Monitoring Report (eDMR) for February 2016 is attached to this report.

The laboratory analytical report for the pump and treat effluent noted that the groundwater pump & treat effluent samples were collected on February 10 and arrived at the lab on February 11, 2016 at 1.2° C. The Case Narrative also noted that “2 [of 3] containers [40 ml VOA vials] were received broken and leaking” and “sufficient sample volume [was] available for analysis.” This sample was collected and shipped before the U.S. EPA comment letter regarding broken January VOA sample bottles was sent to Central Wire on 2/16/2016. In response to that comment, Central Wire indicated that additional bubble wrap will be used to protect the VOA vials.

In January 2016, a Work Plan was submitted for the plume investigation EPA requested Central Wire to conduct in spring 2016. Comments from EPA have been received and were responded to in a February 26, 2016 email from Mr. Ruopp to Mr. Nordine at U.S. EPA.

2. **Summary of Validated Data and Results** – The monthly effluent sampling took place on February 10, 2016. The permit limitations and February analytical results are shown in Table 1, below.

Table 1
Central Wire Union Illinois Pump & Treat Discharge Analytical Results

Parameter	Effluent Limitation (Daily Maximum), µg/L	February 2016 Analytical Results, µg/L
1,1,1-Trichloroethane	20	< 0.38
Tetrachloroethene	20	< 0.37
Trichloroethene	20	0.31 J

J = Result is < Reporting Limit but > or equal to the Method Detection Limit and the concentration is an approximate value.

The February NPDES analytical report is attached to this Monthly Progress Report.

This report also has environmental analytical results for the North Pond and South Pond. These ponds are Illinois EPA-regulated seepage ponds for Central Wire's rinse waters from the annealing process, non-contact cooling water, boiler blowdown and storm water.

3. **Upcoming Events/Activities Planned** – Central Wire will continue to operate the existing remediation systems. Effluent samples will be collected, analyzed and reported as required in our NPDES permit.

Central Wire plans on implementing the work outlined in the proposed “2016 RCRA CMI Field Investigation Work Plan” in April 2016.

4. **Anticipated Problem Areas and Recommended Solutions** – None.
5. **Key Personnel Changes** – None.
6. **Target and Actual Completion Dates** – This project has not deviated from the project schedule.